

Application of Technology in higher Education

Mrs.Ulka Mansing Gharge Y.C.College, Islampur.

Abstract –

From last five decades Higher Education Systems grown up very speedily. Quality in higher education one of the most important factor of economic growth and development. Technologies used for educational purposes, to support and improve the learning of student also to develop learning environments. The various kinds of ICT products having relevance to education such as teleconferencing, email, audio conferencing, television lessons, radio broadcasts used in education for different purposes. ICT need to be seen as, “an essential aspect of teachings cultural toolkit in the twenty first century, affording new and transformative models of development that extend the nature and reach of teacher

1.1 Introduction –

Technology helps teachers to modernize and mechanize the teaching learning process. Learners study at their own speed with the help of programmed instruction on video or computers. It makes easy for students to understand the concepts. Technology enhance students learning experience and provides Engaging tools that make learning more enjoyable and effective. Technology benefit students of all ages in a multitude of ways. Technology, today plays a very important role in our life. At present, impact of technology can be felt in every field of life and one such field is Education.

1.2 Objective –

The purpose of the present study is to explain the role played by technology in higher education. The study will explain the various means of technology used in high education. various app. through which technology in higher education work.

1.3 Methodology –

For present study secondary data various books for present study (Secondary data) information taken from various books, websites, Journals relating to Technology in higher Education.

1.4 Modern Technology in Education –

Use of modern equipment technology and tools, the learning and interactivity of students increases. Students feel interesting when study is aided by technology. Knowledge becomes easy and effective students Today can make use of technology in the following ways

- Internet Connection and round the clock connectivity –

At present, the internet is something that is present in almost everything we use Internet is everywhere from television to gaming up to our phones and many more. Students can find various kinds of help, tutorials and other kinds of assisting material. Which used to improve and enhance their learning. There are numerous websites that provide important information that can help students with their academic work and assignments.

- Using Projectors and visuals –

Visual images always have a strong effect compared to word. Projectors and visuals to aid in learning is an important form of technological use for keeping learning interactive and interesting amazing use of PowerPoint presentations, projections made by educational institutions all over India A projector enables to communicate and connect with the group of people at a greater

level as the audience. A projector is mostly used in an educational and professional setting such as for presentations, lectures, meetings and monthly report displays, corporate events and much more. A projector plays a very critical role in making professional or education learning successful as being multimedia technology it is more effective and efficient than all other methods.

- Google Meets for education –

Google meet provides an easy, reliable and secure way for your college community to connect. Goggle meet is a video conferencing platform developed by Google meet is relatively easy to join by clicking on a link. Google meet provides remote learning by student's communication with their teachers and classmates in real time. It is a type of video conferencing service that provides virtual meetings via audio, video, chart and screen sharing students ask their queries and raise questions. This technology also facilities record meetings and save them for later Learning. Teachers can meet one-on-one, chat with a single person or a group of people.

- You Tube-

You Tube can act as a supplement to classroom learning. Student can review complex topics, revisit lectures, gain a better understanding of concepts they may have missed in class. It offers a vast array of educational channels and content that cover a wide range of subjects. Students can access videos at any time, allowing them to learn at their own pace and convenience. Concepts that are hard to grasp through text books can be better understood by visual demonstrations. Though you Tube is a valuable tool, it is important that the sources are credible and reliable for content consumed. In fact, 91 % of educational institutions say video increases student satisfaction. It is difficult to verify the quality and accuracy of videos on you Tube.

- E-PG Pathshala –

E-PG Pathshala is an initiative of the MHRD under National Mission of Education through ICT being executed by the UGC. It includes digital textbooks, videos, instructional materials, audio books and more, the resources offered in this portal through a mobile application. E- Chart and screen sharing students ask their queries and raise Questions. This pathshala app offer online e-books and simple to access. It accessible to everyone on tablets, desktops, laptops and mobile devices. Students can read and share digital text books, access to films, additional reading, question banks, maps, audio etc. Researchers can find magazines, journals, other publications by using this app. Student can store multiple books on their devices, depending on the storage capacity.

- Digital Library –

It is also known as online Library, internet library, digital repository or a digital collection. Students can also access digital materials that may not available in traditional libraries providing them with access to the latest information and research in their field of study. E- libraries can help students save money by eliminating the need to purchase costly text books and reference materials. It offers technology based information resources and services to enable learners to access relevant knowledge anywhere any time. Resources in libraries are collected to support learning. Collecting multimedia resources made it possible to remote learning. Digital Libraries by storing and feasible retrieve of educational resources from computer networks provided worth aid to electronic learning. In Digital libraries journals, proceeding, books, multimedia etc. are organised for remote accessibility. Data are available quickly for each person every place of world via communication networks. It is almost an Unlimited collection of materials. The greater the choice of books, the better will be the work output of the students.

- Google Classroom –

Google Classroom is a free web based learning platform developed by Google where teachers run a class online, create curriculums and share assignments with students in a paperless way students have different ways of expressing themselves. Google classroom allows students to submit their assignment, in the form documents, videos, audition files. Google classroom great for remote learning, paperless assignment, submission and class updates. Google classroom is designed with feedback that educators focus on teaching and students focus on learning. It helps students build literacy skills with texts and activities that encourage understanding and retention in a variety of subjects. Easily manage day to day classroom activities, communication and lesson planning and student progress with class room planner.

- Shodhganga –

The UGC Notification dated 1st June 2009 mandates submission of electronic version of these and dissertations by the researchers in universities to facilitate open access to Indian theses and archiving of Indian doctoral but also help in raising the standard and poor quality in research output. As per the regulation, the responsibility of hosting, maintaining and making the digital repository of Indian Electronic theses and Dissertation called Shodhganga accessible to all institutions and universities, is assigned to the INFLIBNET centre. Shodhganga provides a platform for research scholars to deposit their Ph.D. theses.

1.5 Conclusion –

At present situation requires educational institutions role of technology in engaging for today's tech savvy students. Since the needs of students change with time and advancements in technology. Technology integration is a vital step to make learning effective and collaborative, which in turn will make students future ready.

1.6 References -

1. www.education.gov.in
2. www.digitaltrends.com
3. www.techradar.com
4. www.venturebeat.com
5. <https://ncert.nic.in>
6. www.indianjournals.com